Jeng Yi Chong

List of Publications by Year
in descending order

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20 papers	760 citations	623188 14 h-index	752256 20 g-index
20 all docs	20 docs citations	20 times ranked	1115 citing authors

#	Article	IF	Citations
1	Graphene oxide membranes on ceramic hollow fibers â€“ Microstructural stability and nanofiltration performance. Journal of Membrane Science, 2015, 484, 87-94.	4.1	156
2	Dynamic microstructure of graphene oxide membranes and the permeation flux. Journal of Membrane Science, 2018, 549, 385-392.	4.1	100
3	Water transport through graphene oxide membranes: the roles of driving forces. Chemical Communications, 2018, 54, 2554-2557.	2.2	60
4	UV-Enhanced Sacrificial Layer Stabilised Graphene Oxide Hollow Fibre Membranes for Nanofiltration. Scientific Reports, 2015, 5, 15799.	1.6	53
5	Explorations of combined nonsolvent and thermally induced phase separation (N-TIPS) method for fabricating novel PVDF hollow fiber membranes using mixed diluents. Journal of Membrane Science, 2019, 572, 210-222.	4.1	53
6	From micro to nano: Polyamide thin film on microfiltration ceramic tubular membranes for nanofiltration. Journal of Membrane Science, 2019, 587, 117161.	4.1	51
7	Thin-film composite hollow fibre membrane for low pressure organic solvent nanofiltration. Journal of Membrane Science, 2020, 597, 117760.	4.1	49
8	Thin film composite hollow fibre membrane for pharmaceutical concentration and solvent recovery. Journal of Membrane Science, 2021, 621, 119008.	4.1	43
9	Graphene oxide membranes in fluid separations. Current Opinion in Chemical Engineering, 2016, 12, 98-105.	3.8	34
10	Electrospun polyimide-based thin-film composite membranes for organic solvent nanofiltration. Journal of Membrane Science, 2021, 640, 119825.	4.1	27
11	Carbon spheres anchored Co3O4 nanoclusters as an efficient catalyst for dye degradation. Applied Catalysis A: General, 2016, 513, 106-115.	2.2	26
12	High performance stainless steel-ceramic composite hollow fibres for microfiltration. Journal of Membrane Science, 2017, 541, 425-433.	4.1	21
13	Effective separation of water-DMSO through solvent resistant membrane distillation (SR-MD). Water Research, 2021, 197, 117103.	5.3	21
14	PTFE-assisted immobilization of Pluronic F127 in PVDF hollow fiber membranes with enhanced hydrophilicity through nonsolvent-thermally induced phase separation method. Journal of Membrane Science, 2021, 620, 118914.	4.1	18
15	Reduce Overdosing Effects in Chemical Demulsifier Applications by Increasing Mixing Energy and Decreasing Injection Concentration. Energy & Fuels, 2016, 30, 5183-5189.	2.5	12
16	Demulsifier Performance in Diluted Bitumen Dewatering: Effects of Mixing and Demulsifier Dosage. Energy & Fuels, 2016, 30, 9962-9974.	2.5	11
17	Pristine graphene membranes supported on ceramic hollow fibre prepared via a sacrificial layer assisted CVD approach. Journal of Membrane Science, 2020, 595, 117479.	4.1	11
18	Graphene-protected nickel hollow fibre membrane and its application in the production of high-performance catalysts. Journal of Membrane Science, 2020, 597, 117617.	4.1	6

#	Article	IF	Citations
19	Hydrophobic ceramic membranes fabricated via fatty acid chloride modification for solvent resistant membrane distillation (SR-MD). Journal of Membrane Science, 2022, 658, 120715.	4.1	5
20	Fabrication of Grapheneâ€Covered Microâ€Tubes for Process Intensification. Advanced Engineering Materials, 2019, 21, 1900642.	1.6	3